

Job Risk Assessment JRA-AO-02 ITD Technician Activities

Name(s) of "Sample" Risk Team Members: J.Lemmon, M.Stangel, J.Federmann, M.Heinrich, E.Brosnan, L.Hart, D.Orsatti, E.Blum, A.Corby, J.Donnellan, G.Gottschalk	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Information Technology Electronic Technician Activities Job Number or Job Identifier: JRA-AO-02 Job Description: Electronic tasks with equipment such as computers, servers, networking	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional): Applicable Standard Operating Procedures:	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: Susan McKeon Date: 9/15/06						
Stressors (if applicable, please list all)		Reason for Revision (if applicable): To incorporate comments received by worker			Comments:	

			Before Additional Controls						After Additional Controls							
Activity	Hazard	Control(s)	Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Reading of diagnostic instrument displays	Eyestrain, fatigue	Glare reducing monitor covers, ergonomic review, adequate area illumination, equipment maintenance	N	1	5	2	2	20								
Manipulation of equipment, cables, connecting	Electric shock, reflex injuries	Listed/approved power strips, properly grounded equipment. Listed/approved diagnostic equipment. Tier1 Inspections, proper		1	5	2	2	20								

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cables between modules and power supplies		equipment maintenance, training. Unplug before work – maintain Zero Energy BNL rule or call in EP Electrician. ITD required training for ITD Technicians – Elec Safety1 and Hazard Communication												
Working under raised computer floor tiles	Cuts, Injury to foot or knee, trips, electric shock, skin knuckles, pinched finger	covered outputs, proper electric outlets above floor, below raised floor affixed and with strain relief to the wire. Review of FRA for areas with raised flooring.		2	5	3	2	30						
Working on cabling above racks	Falls, strains while moving ladder	Use manlift, ladder safety training. 2 techs to move ladder		2	5	1	2	20						
Inserting or removing electronic modules in racks. Plug & Play-hot swap components-raid drives. To swap out a module or change out a board.	Arc flash burn, electric shock, reflex injury	Training, proper grounding, approved equipment design, UL Approved, ITD rule to never open a monitor for repair-plugged in or unplugged		1	2	5	2	20						
Full completion of job	Trip hazard on loose cables, slip on debris-screws, pieces of cable ties. Fire hazard injuries.	Housekeeping, Awareness training, Tier1, custodial services, . Breakdown and remove boxes, plastic.		1	5	1	2	10						

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Proximity of lead acid battery backup in machines while doing a job.	Acid burns,	Purchase equipment with gel cells and sealed lead acid backup battery. Eyewash nearby.		1	5	1	3	15						
Ladders/platform/handtruck use with equipment	Falls from ladder resulting in back injury, hurt foot,	Fall protection training. Portable Ladder Safety-online training		1	4	1	3	12						
Using chemicals in aerosol cans	Flammable, explosive	Correct use, proper recycling when empty or broken. Tier1 Inspection Walkthroughs, JRA-EP-SITEMAINT-12 for Aerosol Can Recycling, SBMS process for small amounts of chemicals.		1	5	1	2	10						

*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable

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